

APPENDIX B

Interview Schedule of Knowledge, Attitude and Practice
about Health Care Amongst the mothers of (0-5) years olds in
a slums community -

Part I Identification Data and Practice Component.

Note No.1: Identification data of the child is very essen-
tial as with the help of it the practice carried
out by the mothers of 0-5 year olds according
to their surroundings can be related.

2: This Section includes two divisions. One consists
of questions regarding identification data of
the child.

3: The other section includes questions which are
related to the practice carried out by the
mothers in the areas of personal hygiene which
are taken during common diseases and diet of
the child.

Interview No.

Time :

Date

(A) Identification Data

- | | | | |
|--------------------------|------|-----|------|
| 1. Names of the children | : i) | ii) | iii) |
| 2. Sex of the Children | : i) | ii) | iii) |
| 3. Name of the mother | : | | |

(B)

Srl No.	Name of the family members	Relation to HOH	Age	Educa- tion	Occu- pation	Monthly Income
1.						
2.						
3.						
4.						
5.						
6.						
7.						

(C) Compute and Record

No. of family members :
Total family monthly income :
Per Capita monthly income :
Mother :
Pregnant :
Lactating :
Any special health condition :

Practice of Personal Hygiene By Mothers.

1. How many times a day does your child brush teeth ?

Once / twice / irregular

2. What do you use for brushing teeth ?

Tooth Paste / Neem / Salt / Tooth powder / Home made tooth powder / Any other.

3. In schools children play together and remain in contact with each other for a long period so there is a greater scope for infection of Lice and dandruff. What is your opinion ? _____.
4. Does your child have Lice or dandruff Yes/No
5. If yes then what do you do to remove them ?
1. Tells them to remove
 2. Mother removes it by hand
 3. Kerosene treatment
 4. D. D. T.
 5. Fine Comb
 6. Napthalene balls
 7. Any others
6. How many times the hair is washed in a week ?
- Once / Twice / More / Every day
7. Since last two years Gujarat has had a severe water scarcity. Under such circumstances what type of problems does your family face ? _____
8. Are you able to give bath to your child daily ?
- Yes / No
9. Which of the following do you use during bath ?
- Soap/Besan/Pumice Stone/none of the above.

10. Personal hygiene status of the mother to be recorded by observation by the investigator.

INFORMATION	PRE Record	POST Record
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Nails		
Hair		
Clothing		
General		
Appearance		

11. Generally children don't like to wear clothes in summer season : Comments _____

12. Does your child act in same way ? Yes / No

13. How many times a day do you change his/her clothes
Once / Twice

Care taken during common diseases

1. What kind of treatment do you seek for the common diseases ?

- i) Homeopathy
- ii) Alopathy
- iii) Ayurvedic
- iv) Home Remedies
- v) Any other

2. Do you give medicines as per doctor's instructions?

Yes / No

If no, why ? _____

3. What do you do when the child refuses to take medicines?
Force him
do not force him
Make it in powder forms
Sweeten it
Any other.
4. When you consult any doctor then he prescribes a complete course of medicines for cure. Do you take medicines till the course is completed or do you stop when the child gets well ? _____

Diet and Nutrition

1. In your daily cooking whose choice of food do you consider often ?
- | | <u>Pre</u> | <u>Post</u> |
|---------------|------------|-------------|
| Husband's | | |
| Son's | | |
| Daughter's | | |
| Your own | | |
| No particular | | |
2. Does your child like some special item ?
- | | |
|----------------|------------|
| | PRE _____ |
| | POST _____ |
| If yes, What ? | |
| | PRE _____ |
| | POST _____ |
3. How often do you prepare it ?
- | | |
|--|------------|
| | PRE _____ |
| | POST _____ |

PART - II

COMPOSITE COMPONENT

- Note 1: This section includes such items of inquiry which have more than one relevant component of study, namely, Knowledge (K), Attitude (A), Practice (P). Example of such items are breast feeding, weaning family planning etc.
- 2: Questions pertaining to each sub-division K, A or P have been arranged in one single block in such a way as to ensure a logical sequence. However each question bears a code of K/A/P to facilitate data analysis at a later stage.
- 3: The investigator should proceed with the question as per the serial number prefixed.

BREAST FEEDING

- 1-A According to you, is breast-feeding important for infant health ?

Yes No

PRE

POST

- 2-K What exactly are the merits of breast-feeding ?

Mentioned Not mentioned

- i) It is a complete food for newborns

PRE

POST

- ii) The practice helps in spacing children

PRE

POST

- iii) Provides love, warmth and emotional security

PRE

POST

iv) Very Convenient

PRE
POST

v) Helps uterus contract
back to its normal size

PRE
POST

vi) Any other

PRE
POST

3-P Did you breast-feed your children ? Yes No
If yes, how long ? _____
If no, why ? _____

4-P In some communities, Collostrum is considered impure and
therefore discarded. In your case, what did you do ?

If given, why ? _____
If discarded, why ? _____

5-K What do you know about Collostrum ?

i) It is a thick, yellowish secretion for 48 hours immediately
after delivery

	<u>Mentioned</u>	<u>Not Mentioned</u>
PRE		1
POST		

ii) Provides life-long
immunity against some
diseases

PRE
POST

6-A According to you how should the child be fed ?

i) As and when child demands ?

Mentioned Not Mentioned

PRE
POST

ii) Whenever the child cries.

PRE
POST

iii) At fixed intervals

PRE
POST

iv) Every 2 / 3 / 4 / 5 hours.

PRE
POST

WEANING

1-K A child for his/her growth
does not need solid foods
till he/she asks for them

True False

PRE
POST

2-P In your case, at which age
did you start your child on
solids ?

Youngest child _____
Second Youngest child _____
Third Youngest child _____

3-P Which solid foods did you give your children for weaning purposes ?

4-K Which common weaning foods would you advise a new mother to give to her child

		<u>Mentioned</u>	<u>Not Mentioned</u>
i)	Khichadi	PRE POST	
ii)	Banana	PRE POST	
iii)	Roti mashed with dal	PRE POST	
iv)	Bread with milk/tea	PRE POST	
v)	Rice water	PRE POST	
vi)	Boiled Veg.	PRE POST	
vii)	Biscuits	PRE POST	
viii)	Milk and rice	PRE POST	
ix)	Dal soup	PRE POST	
x)	Any other	PRE POST	

5-A By breast feeding the child as long as possible and without starting him on solid foods, a mother can ensure that

i) The child does not pass stools often

True False

PRE
POST

ii) The child grows to be fat and healthy

True False

PRE
POST

F a m i l y P l a n n i n g

1-K In our country, through mass media, there is extensive propoganda, about family planning for the past 25 years or so. In your opinion whether there are any advantages of family planning

Yes No

PRE
POST

If yes, mention them.

Mentioned Not Mentioned

i) Better health of mother.

PRE
POST

ii) Better health of children.

PRE
POST

		<u>Mentioned</u>	<u>Not Mentioned</u>
iii)	Due to small family size purchasing power increases	PRE POST	
iv)	The family can spend more on education	PRE POST	
v)	The family can spend more on food	PRE POST	
vi)	The family can spend more on housing and clothes etc.	PRE POST	
vii)	The parents can give more attention and time to children	PRE POST	
viii)	Any other	PRE POST	

2-K In this context does the nation benefit in any way.

	<u>Yes</u>	<u>No</u>
PRE		
POST		

If yes, how ?

PRE _____

POST _____

3-K By the way, which are the major social problems this country is facing today ?

PRE _____
POST _____

4-A Now we come back to you and your family in particular.
Please give your opinion on few statements below.

i)-A. In our Hindu/Christian/Muslim religion and culture it is usually said that children are a gift of god and we should not interfere with what the god wants for us.

Pre Post

Strongly agree
agree
Neutral
Strongly disagree
disagree

ii)-A. Some people say, there should be preferably two sons in each family

Pre Post

Strongly agree
agree
Neutral
Disagree
Strongly disagree

iii)-A In any case, there should be at least one son in each family

Pre Post

Strongly agree
agree
Neutral
Disagree
Strongly disagree

iv)-A Hypothetically, what is the maximum number of children that you would have to be-get a son ?

PRE _____

POST _____

v)-A. Again, hypothetically speaking, in case of miscarriages, how many pregnancies would you be prepared to undergo to get a son ?

PRE _____

POST _____

vi)-A. Daughters are a burden or liability.

PRE POST

Strongly agree
agree
Neutral
Disagree
Strongly disagree

vii)-A. On the whole, do you favour or disfavour large family?
(of four or more living children)

PRE POST

Favours
Neutral
Disfavours

5-K. What methods of contraception have you heard of ?

	<u>PRE</u>	<u>POST</u>
i) Natural		
ii) Rhythm		
iii) Oral pills		
iv) Copper T		
v) Diaphragm		
vi) Vascetomy		
vii) Tubectomy / Laparoscopy		
viii) Nirodh		

6-P. Have you ever practiced any of these methods so far ? Yes / No

If yes, why ? _____
If no, why ? _____

7-P. Did you experience any side effects Yes / No

If yes, What ? _____

8-P. From your relatives and family friends have you known of any person who has suffered side effects of family planning measures ? Yes / No

If yes, details. / _____

Pre-Natal Care

1-P. Pregnancy is a natural condition in a woman's life cycle. But there is a diverse opinion on the religious, social and management practices during this period. As we are talking about child health, in your community is a woman encouraged to seek medical advice after conception ?

2-P. In your case did you consult a doctor ? Yes / No
If yes, When ? _____
If no, Why ? _____

3-P. What advice/treatment did the doctor prescribe for you ?

Did you fully carry out doctor's advice or did you face any difficulty, in following it completely ? _____

4-K. Which vaccine is given to the mother during pregnancy ?

	<u>Mentioned</u>	<u>Not Mentioned</u>
i) Tetanus Toxoid	PRE POST	
ii) When is it given ? Between 16 to 36 weeks	PRE POST	
iii) How many doses are given ?	PRE POST	

5-K. Does the mother need to take any supplementary tonics/tablets
in this condition Yes No

PRE
POST

6-K. If yes, please mention which Mentioned Not Mentioned

i) Iron

PRE
POST

ii) Calcium

PRE
POST

iii) Protien

PRE
POST

7-K. What advice would you give to a primi-para mother ?
Mark ✓ if mentioned and X if not mentioned

	<u>PRE</u>	<u>POST</u>
i) Consult a doctor and follow his advice.		
ii) In case of a normal pregnancy take regular light exercise		
iii) Continue routine household work		
iv) Get more nutrition in daily diet		
v) Relax physically and mentally and think of pleasant things		

- | | <u>PRE</u> | <u>POST</u> |
|-----------------|------------|-------------|
| vi) Eat for two | | |
| vii) Any other | | |

Post Natal Care

- 1-P. Did you consult a doctor immediately after delivery
in case of home delivery. Yes / No
If yes, when ? _____
If no, why ? _____
- 2-P. Did you consult a doctor after your return home in
case of a hospital delivery Yes / No
If yes, when ? _____
If no, why ? _____
- 3-P. Were you advised about family planning measures at
this juncture by a medical or para-medical worker
Yes / No
If yes, did you follow the advice ? _____
- 4-K. What do you know about post natal care in the context
of mother and child health
Pre _____
Post _____

Immunization

- 1-K. What are the different vaccines recommended for 0-5
year olds ?
Mark ✓ if mentioned and X if not mentioned

- | | <u>PRE</u> | <u>POST</u> |
|-------------------|------------|-------------|
| B. C. G. | | |
| Triple / D. P. T. | | |
| Polio | | |
| Measles | | |

2-K. What do you know about the schedule (timing) of immunization?
(Investigator should inquire about the items as mentioned in
the top box in the following table.)

Vaccine	Time of Measure- ment	Which disease is pro- tected against?	Oral Va- ccine or Inject- able ?	No of doses	Age at which the does are given.
B.C.G.	PRE POST				
D.P.T.	PRE	i) ii) iii)			First dose _____ Second dose _____ Third dose _____
	POST	i) ii) iii)			First dose _____ Second dose _____ Third dose _____
Polio	PRE				First dose _____ Second dose _____ Third dose _____
	POST				First dose _____ Second dose _____ Third dose _____
Measles	PRE POST				
D.P.T. Booster	PRE POST				
Polio Booster	PRE POST				

Vaccine	Time of Measure- ment	Which disease is pro- tected against?	Oral Va- ccine or Inject- able ?	No of doses	Age at which the doses are given.
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3-P. Are your underfives immunised in time ? Yes / No
If yes, completely / Partially ? First underfive:
(Record the investigator's assessment Second underfive:
separately for each target child) Third underfive:

If no, Why ? _____

4-P. Where did you go for immunization ?

- i) S.S.G. Hospital
- ii) Any other Hospital
- iii) Neighbourhood Vaccination Centre
- iv) Aganwadi Pensionpura
- v) M.C.H. Centre, Fatehgunj
- vi) Any other.

P A R T - III

Note : 1: Knowledge about the disease management and its harmful effects, are based on the individual experiences and practices generally carried out by the mothers.

Note : 2 : This section includes questions regarding the knowledge of the mothers about symptoms; complications; harmful effects; disease management and prevention of the common diseases.

Note : 3 : In our pretesting we included thirteen common diseases namely polio, measles, chicken pox, Cholera, Malaria, Diarrhoea, Tuberculosis, Anemia, Scabbies, Whooping Cough, Common Cold, Tetanus and Diphtheria. However, we found sufficient knowledge among the mothers regarding some diseases and therefore dropped the same from the final list of diseases which is as per below :

Measles, Chicken pox, Tetanus, Diarrhea, Scabbies and Anemia.

Note : 4 : Mark ✓ if the listed response is given to the underlined questions under each disease and mark X if the listed items are not mentioned.

1. <u>Name of the Disease</u>	: <u>CHICKEN POX</u>	<u>Pre</u>	<u>Post</u>
<u>Gujarati Name</u>	: <u>Achhabada</u>		

1. Usual season of occurrence ?

i) Winter months

2. Symptoms ?

i) Cold anorexia (loss of appetite)

ii) Mild fever

iii) Malaise (feeling of general discomfort)

iv) Rash remains for longer period

v) Eruption of popular rash over the child's trunk and unexposed parts of body and later on exposed parts such as face and even in mouth.

- vi) Child is covered with all stages of rash so that crusts, vesicles and papules are all evident at the same time. Child runs a fever corresponding in intensity with severity of the infection.

3. Complications and Harmful Effects ?

- i) Unfortunate site of a vesicle such as the child's cornea which may result in a corneal scar, or to encephalitis (inflammation of brain), it may effect eyes of the child.

4. Disease Management ?

- i) Seeking medical treatment
- ii) Cold foods and liquids, anti fever/Antipyretic medication to reduce child's discomfort
- iii) Keep the child's nails cut short to prevent the child from scratching his lesions.
- iv) If possible cover his hands with socks securely tied around his wrists.
- v) Calamine lotion or a specific bath for several times a day can be applied.

5. Prevention ?

- i) The child should be isolated from other children in order to prevent further spread of the disease.

Name of the disease : Measies Pre Post

Gujrathi Name : ORI

1. Usual seasons of occurrence ?

- i) Late Winter
- ii) Early spring

2. Symptoms ?

- i) Hyperirritability
- ii) Cold & Running nose
- iii) Fever
- iv) Conjunctivitis (Inflammation of eyes)
- v) Cold photophobia (Child fears direct light)
- vi) Anorexia (loss of appetite)
- vii) Rapidly spreading rash on entire body
(14 days after initial contact)
- viii) High fever and malaise (feeling of discomfort)

3. Complications and Harmful Effects ?

- i) Pneumonia
- ii) Meningitis
- iii) Encephalitis (Inflammation of brain)
- iv) Disease could be fatal in some cases.

4. Disease Management ?

- i) Isolation of the infected child
- ii) Seeking medical treatment
- iii) Special care of mal-nourished child
- iv) Bland food

5. Prevention ?

- i) Isolate the child to prevent exposing more children to infection.
- ii) Soft and shaded light in child's room in order to protect his eyes from a residual light sensitivity.
- iii) Complete bed rest to prevent all complications.
- iv) Immunization of child during the period of 9 months to one year.

<u>Name of the Disease:</u>	<u>Anemia</u>	<u>Pre</u>	<u>Post</u>
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1. Usual seasons of occurrence ?

- i) No particular season

2. Symptoms ?

- i) Pallor (Paleness)
- ii) Swelling of face
- iii) Fatigue
- iv) Weakness
- v) White and pale skin
- vi) Pale and whitish nails
- vii) Pale and whitish tongue and eyes
- viii) Nails become flat or concave, depressed or spoon shaped.
- ix) Not gaining height and weight

3. Complications and Harmful effects ?

- i) Respiratory Difficulty
- ii) Headache
- iii) Dimness of vision
- iv) Faintness

4. Disease Management ?

- i) Iron rich diet
- ii) Green vegetables, Eggs, carrots during season, pumpkin, papaya

Name of the Disease : Diarrhea

Gujrati Name : Jada

Pre

Post

1. Usual seasons and occurrence ?

- i) No particular season

2. Symptoms ?

- i) Soft pale, bulky, foul swelling stools
- ii) Loss of appetite
- iii) Becomes irritable
- iv) Change in moods from reserve to aggressive
- v) Vomitting

3. Disease Management ?

- i) Low fat, high protein and simple carbohydrate diet
- ii) According to the response to the treatment increase in variety of food
- iii) To give light food till the symptoms disappear
- iv) O R T (Oral Rehydration Therapy)

4. Complications and Harmful effects ?

- i) Dehydration
- ii) Can be fatal

5. Prevention ?

- i) Improving dietary habits
- ii) Improving personal hygiene of child and mother

Name of the Disease : Tetanus Pre Post

1. Usual seasons of occurrence ?

- i) 5 to 14 days after accident, Cut etc.

2. Symptoms ?

- i) Fever
- ii) Aches and pains
- iii) Stiffness of muscles especially the mouth and jaws
- iv) Inability to open mouth or to swallow
- v) Hyperirritability and restlessness
- vi) Muscles spasms
- vii) Headaches

3. Complications and Harmful Effects ?

- i) Convulsions may cause the child's death (absence of oxygen)
- ii) Could be fatal

4. Disease Management ?

- i) Adequate cleansing of the wound with soap and water helps to reduce the possibility of developing infection
- ii) Special care of malnourished child
to avoid further complications
- iii) Seeking medical treatment

5. Prevention ?

- i) Immunization of child
- ii) 3 Successive injection of tetanus
toxoid at — — 4th months
 — — 5th months
 — — 6th months
- iii) Booster doses at 18 Months
 5 years
 12 years
- iv) Isolation of the infected child and
his equipment to prevent the spread
of infections.

S c a b i e s

1. Usual seasons of occurrence ?

Pre	Post
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99	99
100	100

- i) More common during winters

2. Symptoms ?

- i) Severe itching which is worse at night
- ii) Thin Rashon wrists, elbows,
around nipples, umbilian
lower abdomen, genitals, thigh, legs.

3. Disease Management ?

- i) All the family members should be treated at the same time. The clothes, bed linen and towels should be boiled and ironed.

4. Prevention ?

- i) The patient must be bathed and scrub the body to lay open the burrows. After the bath the skin is dried and apply medication on the whole body as advised by doctors.

Attitude Component

- Note:
1. Attitudes are usually formed on the basis of traditional practices, beliefs or individual experiences.
 2. This section of the interview schedule restricts itself to attitudes of mothers which affect their utilization of health services relevant to growth and development of 0-5 years old.
 3. With regard to question humbered three the respondent may be asked to opine only if she has come in contact with the hospital system or the type of personnel mentioned

1. Government of India studies in different parts of the country show that the number of boys brought for medical treatment far outnumber girls. Similar is the situation in the case of adult men and women with regard to health services utilised by them. Based on your experience what reasons can you assign for the prevailing situation ?

PRE

POST

2. Government statistics also show that life expectancy amongst women is much lower than men. Again, what could be the reasons for this, according to you ?

PRE

POST

3. You must have come in contact with the hospital staff such as doctors, Nurses & Social workers etc. When some family member, relative or neighbour was hospitalized. On majority of occasions, what was your experience of the following:

	<u>Co-operative</u>	<u>Non-Co-Operative</u>
Doctors		
Nurses		
Social Workers		
Family Planning workers		
Medicine Suppliers		
Vaccinators		